

Method for combustion control of IC engine throughout speed range

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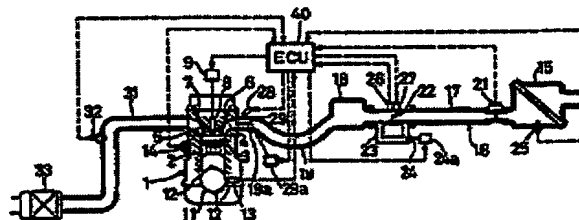
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Abstract of DE19713104

The method of combustion control for an IC engine is based on the precise measurement of variations in the angular velocity of the crankshaft generated by the cyclic firing of successive cylinders. Velocity measurements are timed to occur in the second half of the expansion stroke for each cylinder and before the instant of ignition of the next cylinder in the firing order. In this way, the vibratory effects of combustion are minimised and remaining unacceptable engine velocity variations can be reliably compensated by a suitable change in the fuel/air mixture via injection control and independently of changes in engine load/driver response.



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